

| | | | |
|---------------------------------|--------------|------------------|--|
| Smart Skies | | | |
| 2006 Mathematics | | | |
| Grade Level Expectations | | | |
| Delaware Mathematics | | | |
| Grade 5 | | | |
| Activity/Lesson | State | Standards | |
| Fly by Math | DE | MA.5. 3.3.10 | Measurement. Find elapsed time |
| Fly by Math | DE | MA.5. 4.1.1 | Pose questions that can be answered with data; systematically collect and organize categorical and numerical/ measurement data |
| Line Up with Math | DE | MA.5. 3.3.10 | Measurement. Find elapsed time |
| | | | |
| Smart Skies | | | |
| 2006 Mathematics | | | |
| Grade Level Expectations | | | |
| Delaware Mathematics | | | |
| Grade 6 | | | |
| Activity/Lesson | State | Standards | |
| Fly by Math | DE | MA.6. 4.1.1 | Collect and organize numerical (whole number or decimal) data in order to answer a question |
| Fly by Math | DE | MA.6. 4.2.1 | Construct displays of data (e.g., circle graphs, scatter plots, frequency counts) for a single data set |
| Line Up with Math | DE | MA.6. 3.3.6 | Sketch a geometric figure given the measure of turn angles and the length of sides |
| | | | |
| Smart Skies | | | |
| 2006 Mathematics | | | |
| Grade Level Expectations | | | |
| Delaware Mathematics | | | |
| Grade 7 | | | |
| Activity/Lesson | State | Standards | |
| Fly by Math | DE | MA.7.4.2.1 | Construct displays of data for single data sets (e.g., stem-and-leaf plots) or in order to study the relationship between related data sets (scatter plots) |
| Fly by Math | DE | MA.7.4.3.1 | Defend or dispute conclusions drawn from the interpretation of data by comparing one data set to another |
| | | | |
| Smart Skies | | | |
| 2006 Mathematics | | | |
| Grade Level Expectations | | | |
| Delaware Mathematics | | | |
| Grade 8 | | | |
| Activity/Lesson | State | Standards | |
| Fly by Math | DE | MA.8. 4.2.1 | Construct displays of data to represent individual sets of data (e.g., histograms, box plots) or to explore the relationship between related sets of data (scatter plots, line graphs); describe the correspondence between data sets and their graphical displays |

| | | | |
|---------------------------------|--------------|------------------|---|
| Fly by Math | DE | MA.8. 4.3.1 | Defend or dispute conclusions drawn from the interpretation of data by comparing sets of data or exploring possible relationships based upon scatter plots of related data and approximate lines of fit |
| Line Up with Math | DE | MA.8. 2.1.3 | Compare the rates of change in tables and graphs and classify them as linear or nonlinear |
| | | | |
| Smart Skies | | | |
| 2006 Mathematics | | | |
| Grade Level Expectations | | | |
| Delaware Mathematics | | | |
| Grade 9 (Grade 9) | | | |
| Activity/Lesson | State | Standards | |
| Fly by Math | DE | MA.9.2.3.1 | Determine symbolically the equation of a line given combinations of point, slope, and intercept information |
| Fly by Math | DE | MA.9.4.2.1 | Select and interpret the most appropriate display for a given purpose and set(s) of data (e.g., histograms, parallel box plots, stem-and-leaf plots, scatter plots) |
| Line Up with Math | DE | MA.9.2.3.1 | Determine symbolically the equation of a line given combinations of point, slope, and intercept information |
| Line Up with Math | DE | MA.9.3.3.2 | Solve problems which require an understanding of the Pythagorean Theorem relationships |